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## anti-TAS2R38 antibody (AA 151-250) (Cy5.5)



#### Overview

Quantity:	100 μL
Target:	TAS2R38
Binding Specificity:	AA 151-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAS2R38 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human T2R38/TAS2R38
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Chicken
Purification:	Purified by Protein A.

### **Target Details**

Target:	TAS2R38
Alternative Name:	T2R38 (TAS2R38 Products)

### **Target Details**

Background:	Synonyms: PTC, PTC bitter taste receptor, T2R38, T2R61, taste receptor, type 2, member 38,
	T2R38_HUMAN.
	Background: The sense of taste is essential for the survival of organisms. For example, the
	ability to identify sweet-tasting foods enables animals to seek out food with high nutritive value,
	whereas the ability to identify bitter substances enables them to avoid the ingestion of
	potentially harmful substances. A family of integral membrane proteins are involved in taste
	perception and include T1R, which is involved in sweet taste perception and T2R, which is
	involved in bitter taste perception. Both types of taste receptors couple to various G proteins to
	initiate signal transduction cascades. Specifically, T2R38 is expressed in subsets of taste
	receptor cells of the tongue and exclusively in gustducin-positive cells. Variations in T2R38 are
	associated with the ability to taste the bitter chemical phenylthiocarbamide (PTC), also called
	thiourea tasting.
Gene ID:	5726
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months